

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Rami Rahim et al.

Application No./Patent No.: 09/942,623

Filed/Issue Date: August 31, 2001

Entitled: CENTRALIZED MEMORY ALLOCATION WITH WRITE POINTER DRIFT CORRECTION

Juniper Networks, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_%

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012142, Frame 0281, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

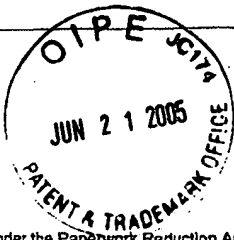
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

June 21, 2005  
Date

Glenn Snyder  
Typed or printed name

  
Signature

Attorney for Assignee  
Title



PTO/SB/81 (11-04)  
Approved for use through 11/30/2005. OMB 0651-0035  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

|                        |                       |
|------------------------|-----------------------|
| Application Number     | Attachment: EXHIBIT A |
| Filing Date            |                       |
| First Named Inventor   |                       |
| Title                  |                       |
| Art Unit               |                       |
| Examiner Name          |                       |
| Attorney Docket Number |                       |

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

44987

OR

☐ Practitioner(s) named below:

| Name | Registration Number |
|------|---------------------|
|      |                     |
|      |                     |
|      |                     |
|      |                     |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

☐ Firm or  
Individual Name

Address

City

State

Zip

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

|                   |  |           |                |
|-------------------|--|-----------|----------------|
| Signature         |  | Date      | 1/13/05        |
| Name              | Mitchell Gaynor                        | Telephone | (408) 745-9384 |
| Title and Company | Vice President, Juniper Networks, Inc. |           |                |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**BEST AVAILABLE COPY**

**EXHIBIT A TO POWER OF ATTORNEY**

| H&S Ref. No. | Juniper Ref. No. | Serial No. | Filing Date |
|--------------|------------------|------------|-------------|
| 0023-0001    | JNP-0021         | 09/706,752 | 11/7 /2000  |
| 0023-0003    | JNP-0023         | 09/749,585 | 12/28/2000  |
| 0023-0004    | JNP-0024         | 09/751,841 | 1 /2 /2001  |
| 0023-0008    | JNP-0035         | 09/859,581 | 5 /18/2001  |
| 0023-0009    | JNP-0037         | 09/879,176 | 6 /13/2001  |
| 0023-0010    | JNP-0038         | 10/358,274 | 2 /5 /2003  |
| 0023-0012    | JNP-0040         | 09/745,743 | 12/26/2000  |
| 0023-0014    | JNP-0068         | 09/751,454 | 1 /2 /2001  |
| 0023-0016    | JNP-0045         | 09/716,352 | 11/21/2000  |
| 0023-0020    | JNP-0057         | 09/751,449 | 1 /2 /2001  |
| 0023-0026    | JNP-0055         | 09/752,828 | 1 /3 /2001  |
| 0023-0027    | JNP-0069         | 09/752,827 | 1 /3 /2001  |
| 0023-0029    | JNP-0075         | 10/417,196 | 4 /17/2003  |
| 0023-0030    | JNP-0067         | 09/942,630 | 8 /31/2001  |
| 0023-0032    | JNP-0065         | 09/985,683 | 11/5 /2001  |
| 0023-0033    | JNP-0064         | 09/942,625 | 8 /31/2001  |
| 0023-0035    | JNP-0062         | 09/984,315 | 10/29/2001  |
| 0023-0036    | JNP-0080         | 09/895,218 | 7 /2 /2001  |
| 0023-0037    | JNP-0089         | 09/795,454 | 3 /1 /2001  |
| 0023-0038    | JNP-0088         | 09/905,068 | 7 /16/2001  |
| 0023-0039    | JNP-0086         | 09/931,045 | 8 /17/2001  |
| 0023-0040    | JNP-0084         | 09/966,094 | 10/1 /2001  |
| 0023-0041    | JNP-0087         | 09/955,122 | 9 /19/2001  |
| 0023-0042    | JNP-0085         | 09/991,109 | 11/26/2001  |
| 0023-0043    | JNP-0093         | 09/942,623 | 8 /31/2001  |
| 0023-0044    | JNP-0091         | 09/967,943 | 10/2 /2001  |
| 0023-0045    | JNP-0058         | 10/202,394 | 7 /25/2002  |
| 0023-0046    | JNP-0059         | 10/206,997 | 7 /30/2002  |
| 0023-0047    | JNP-0060         | 10/206,993 | 7 /30/2002  |
| 0023-0048    | JNP-0095         | 09/984,325 | 10/29/2001  |
| 0023-0049    | JNP-0113         | 10/050,106 | 1 /18/2002  |
| 0023-0050    | JNP-0094         | 10/050,107 | 1 /18/2002  |
| 0023-0051    | JNP-0092         | 09/986,019 | 11/7 /2001  |

**EXHIBIT A TO POWER OF ATTORNEY**

| H&S Ref. No. | Juniper Ref. No. | Serial No. | Filing Date |
|--------------|------------------|------------|-------------|
| 0023-0052    | JNP-0102         | 10/087,826 | 3 /5 /2002  |
| 0023-0053    | JNP-0108         | 10/120,380 | 4 /12/2002  |
| 0023-0054    | JNP-0114         | 10/152,006 | 5 /22/2002  |
| 0023-0055    | JNP-0118         | 10/062,424 | 2 /5 /2002  |
| 0023-0056    | JNP-0123         | 09/985,676 | 11/5 /2001  |
| 0023-0057    | JNP-0120         | 10/193,194 | 7 /12/2002  |
| 0023-0058    | JNP-0076         | 10/207,006 | 7 /30/2002  |
| 0023-0059    | JNP-0116         | 10/092,532 | 3 /8 /2002  |
| 0023-0060    | JNP-0115         | 10/208,008 | 7 /31/2002  |
| 0023-0061    | JNP-0061         | 10/207,008 | 7 /30/2002  |
| 0023-0062    | JNP-0127         | 10/024,553 | 12/21/2001  |
| 0023-0063    | JNP-0107         | 10/102,951 | 3 /22/2002  |
| 0023-0064    | JNP-0129         | 10/102,960 | 3 /22/2002  |
| 0023-0065    | JNP-0130         | 10/102,932 | 3 /22/2002  |
| 0023-0066    | JNP-0131         | 10/102,961 | 3 /22/2002  |
| 0023-0067    | JNP-0132         | 10/102,931 | 3 /22/2002  |
| 0023-0068    | JNP-0133         | 10/102,933 | 3 /22/2002  |
| 0023-0069    | JNP-0134         | 10/102,958 | 3 /22/2002  |
| 0023-0070    | JNP-0090         | 10/120,443 | 4 /12/2002  |
| 0023-0071    | JNP-0077         | 10/206,998 | 7 /30/2002  |
| 0023-0072    | JNP-0078         | 10/207,001 | 7 /30/2002  |
| 0023-0073    | JNP-0079         | 10/207,002 | 7 /30/2002  |
| 0023-0074    | JNP-0128         | 10/206,991 | 7 /30/2002  |
| 0023-0075    | JNP-0101         | 10/206,990 | 7 /30/2002  |
| 0023-0076    | JNP-0111         | 10/290,311 | 11/8 /2002  |
| 0023-0077    | JNP-0117         | 10/192,859 | 7 /11/2002  |
| 0023-0078    | JNP-0122         | 10/098,493 | 3 /18/2002  |
| 0023-0079    | JNP-0310         | 10/419,798 | 4 /22/2003  |
| 0023-0080    | JNP-0136         | 10/058,142 | 1 /29/2002  |
| 0023-0081    | JNP-0149         | 10/128,255 | 4 /24/2002  |
| 0023-0082    | JNP-0150         | 10/120,610 | 4 /12/2002  |
| 0023-0083    | JNP-0151         | 10/092,509 | 3 /8 /2002  |
| 0023-0085    | JNP-0170         | 10/193,212 | 7 /12/2002  |
| 0023-0086    | JNP-0171         | 10/261,929 | 10/2 /2002  |
| 0023-0088    | JPN-0164         | 10/206,999 | 7 /30/2002  |

# EXHIBIT A TO POWER OF ATTORNEY

| H&S Ref. No.  | Juniper Ref. No. | Serial No. | Filing Date |
|---------------|------------------|------------|-------------|
| 0023-0089     | JNP-0207         | 10/234,455 | 9 /5 /2002  |
| 0023-0090     | JNP-0205         | 10/197,484 | 7 /18/2002  |
| 0023-0091     | JNP-0177         | 10/241,478 | 9 /12/2002  |
| 0023-0092     | JNP-0160         | 10/241,759 | 9 /12/2002  |
| 0023-0093     | JNP-0210         | 10/219,819 | 8 /16/2002  |
| 0023-0094     | JNP-0213         | 10/659,739 | 9 /11/2003  |
| 0023-0095     | JNP-0214         | 10/355,243 | 1 /31/2003  |
| 0023-0096     | JNP-0162         | 10/424,794 | 4 /29/2003  |
| 0023-0097     | JNP-0215         | 10/298,552 | 11/19/2002  |
| 0023-0098     | JNP-0202         | 10/283,216 | 10/30/2002  |
| 0023-0099     | JNP-0226         | 10/667,978 | 9 /23/2003  |
| 0023-0100     | JNP-0178         | 10/223,328 | 8 /20/2002  |
| 0023-0102     | JNP-0182         | 10/300,639 | 11/21/2002  |
| 0023-0103     | JNP-0222         | 10/227,835 | 8 /27/2002  |
| 0023-0104     | JNP-0219         | 10/241,686 | 9 /12/2002  |
| 0023-0105     | JNP-0161         | 10/298,606 | 11/19/2002  |
| 0023-0106     | JNP-0225         | 10/355,239 | 1 /31/2003  |
| 0023-0107     | JNP-0224         | 10/378,858 | 3 /5 /2003  |
| 0023-0108     | JNP-0227         | 10/355,244 | 1 /31/2003  |
| 0023-0109     | JNP-0212         | 10/378,868 | 3 /5 /2003  |
| 0023-0110     | JNP-0165         | 10/374,712 | 2 /27/2003  |
| 0023-0111     | JNP-0232         | 10/310,778 | 12/6 /2002  |
| 0023-0112     | JNP-0235         | 10/338,678 | 1 /9 /2003  |
| 0023-0114     | JNP-0238         | 09/237,128 | 1 /25/1999  |
| 0023-0115     | JNP-0240         | 09/336,090 | 6 /18/1999  |
| 0023-0116CON1 | JNP-0004-01      | 10/081,048 | 2 /20/2002  |
| 0023-0118     | JNP-0007         | 09/354,640 | 7 /15/1999  |
| 0023-0120     | JNP-0239         | 09/336,229 | 6 /18/1999  |
| 0023-0123DIV1 | JNP-0242.01      | 10/665,349 | 9 /22/2003  |
| 0023-0124     | JNP-0295         | 10/361,626 | 2 /11/2003  |
| 0023-0125     | JNP-0245         | 10/825,174 | 4 /16/2004  |
| 0023-0126     | JNP-0296         | 10/354,118 | 1 /30/2003  |
| 0023-0128CIP  | JNP-0184.01      | 10/033,378 | 10/24/2001  |

**EXHIBIT A TO POWER OF ATTORNEY**

| H&S Ref. No.  | Juniper Ref. No. | Serial No. | Filing Date |
|---------------|------------------|------------|-------------|
| 0023-0129CIP  | JNP-0185.01      | 10/033,383 | 10/24/2001  |
| 0023-0130     | JNP-0186         | 09/974,030 | 10/10/2001  |
| 0023-0131     | JNP-0187         | 09/974,332 | 10/10/2001  |
| 0023-0132     | JNP-0188         | 09/974,093 | 10/10/2001  |
| 0023-0133     | JNP-0190         | 09/841,031 | 4 /24/2001  |
| 0023-0134     | JNP-0191         | 09/798,437 | 3 /2 /2001  |
| 0023-0135     | JNP-0191.01      | 09/800,397 | 3 /5 /2001  |
| 0023-0136     | JNP-0192         | 09/715,992 | 11/16/2000  |
| 0023-0137     | JNP-0193         | 09/939,129 | 8 /24/2001  |
| 0023-0138     | JNP-0194         | 10/099,470 | 3 /12/2002  |
| 0023-0139     | JNP-0195         | 10/072,625 | 2 /6 /2002  |
| 0023-0140     | JNP-0196         | 09/999,790 | 10/25/2001  |
| 0023-0142     | JNP-0198         | 10/032,622 | 10/25/2001  |
| 0023-0143     | JNP-0199         | 09/999,793 | 10/25/2001  |
| 0023-0144     | JNP-0200         | 10/096,329 | 3 /11/2002  |
| 0023-0145     | JNP-0201         | 10/096,074 | 3 /11/2002  |
| 0023-0146     | JNP-0216         | 10/120,968 | 4 /10/2002  |
| 0023-0147     | JNP-0294         | 10/429,781 | 5 /6 /2003  |
| 0023-0148     | JNP-0299         | 10/382,863 | 3 /7 /2003  |
| 0023-0149     | JNP-0300         | 10/405,341 | 4 /3 /2003  |
| 0023-0150CON1 | JNP-0020.01      | 10/920,237 | 8 /18/2004  |
| 0023-0151     | JNP-0003.01      | 10/310,462 | 12/4 /2002  |
| 0023-0154     | JNP-0017         | 09/534,838 | 3 /24/2000  |
| 0023-0155     | JNP-0072         | 10/017,719 | 12/14/2001  |
| 0023-0156     | JNP-0121         | 10/211,635 | 8 /2 /2002  |
| 0023-0157     | JNP-0126         | 09/990,204 | 11/21/2001  |
| 0023-0158     | JNP-0147         | 09/990,077 | 11/21/2001  |
| 0023-0159     | JNP-0125         | 10/063,216 | 3 /29/2002  |
| 0023-0160     | JNP-0217         | 10/359,218 | 2 /6 /2003  |
| 0023-0161     | JNP-0148         | 10/210,511 | 7 /31/2002  |
| 0023-0162     | JNP-0159         | 10/080,865 | 2 /21/2002  |
| 0023-0162CIP  | JNP-0159.01      | 10/431,395 | 5 /8 /2003  |

**BEST AVAILABLE COPY**

**EXHIBIT A TO POWER OF ATTORNEY**

| H&S Ref. No.  | Juniper Ref. No. | Serial No. | Filing Date |
|---------------|------------------|------------|-------------|
| 0023-0165     | JNP-0013         | 09/448,124 | 11/24/1999  |
| 0023-0166     | JNP-0014         | 09/466,864 | 12/17/1999  |
| 0023-0167     | JNP-0015         | 09/470,565 | 12/22/1999  |
| 0023-0168     | JNP-0211         | 10/856,852 | 6 /1 /2004  |
| 0023-0169     | JNP-0246         | 10/857,018 | 6/1/2004    |
| 0023-0170     | JNP-0306         | 10/359,215 | 2 /6 /2003  |
| 0023-0171     | JNP-0143         | 10/063,358 | 4 /15/2002  |
| 0023-0172     | JNP-0248         | 10/890,383 | 7 /14/2004  |
| 0023-0173     | JNP-0247         | 10/887,081 | 7 /9 /2004  |
| 0023-0174     | JNP-0308         | 10/608,215 | 6 /30/2003  |
| 0023-0175     | JNP-0124         | 10/848,574 | 5 /19/2004  |
| 0023-0176     | JNP-0237         | 10/947,314 | 9 /23/2004  |
| 0023-0177     | JNP-0319         | 10/460,158 | 6 /13/2003  |
| 0023-0180     | JNP-0328         | 10/751,539 | 1 /6 /2004  |
| 0023-0181     | JNP-0332         | 10/716,484 | 11/20/2003  |
| 0023-0182     | JNP-0329         | 10/791,743 | 3 /4 /2004  |
| 0023-0183     | JNP-0228         | 10/681,259 | 10/9 /2003  |
| 0023-0186     | JNP-0339         | 10/863,772 | 6 /9 /2004  |
| 0023-0188     | JNP-0340         | 10/766,962 | 1 /30/2004  |
| 0023-0189     | JNP-0350         | 10/860,016 | 6 /4 /2004  |
| 0023-0190     | JNP-0349         | 10/883,655 | 7 /6 /2004  |
| 0023-0191     | JNP-0345         | 10/876,625 | 6 /28/2004  |
| 0023-0192     | JNP-0346         | 10/876,624 | 6 /28/2004  |
| 0023-0193     | JNP-0347         | 10/912,041 | 8 /6 /2004  |
| 0023-0194     | JNP-0377         | 10/934,558 | 9 /7 /2004  |
| 0023-0195     | JNP-0379         | 10/917,338 | 8 /13/2004  |
| 0023-0196CON1 | JNP-0351.01      | 10/765,677 | 1 /26/2004  |
| 0023-0199     | JNP-0325         | 10/186,239 | 6 /26/2002  |
| 0023-0200     | JNP-0353         | 09/658,424 | 9 /8 /2000  |
| 0023-0202     | JNP-0354         | 09/967,893 | 9 /27/2001  |
| 0023-0203     | JNP-0355         | 10/112,924 | 3 /28/2002  |
| 0023-0204     | JNP-0356         | 09/967,878 | 9 /28/2001  |
| 0023-0205CON1 | JNP-0357.01      | 10/893,283 | 7 /19/2004  |

**EXHIBIT A TO POWER OF ATTORNEY**

| H&S Ref. No. | Juniper Ref. No. | Serial No. | Filing Date |
|--------------|------------------|------------|-------------|
| 0023-0207    | JNP-0358         | 10/402,920 | 3 /28/2003  |
| 0023-0208    | JNP-0359         | 10/407,823 | 4 /4 /2003  |
| 0023-0209    | JNP-0360         | 10/072,683 | 2 /8 /2002  |
| 0023-0210    | JNP-0361         | 10/961,075 | 10/12/2004  |
| 0023-0211    | JNP-0362         | 10/976,311 | 10/29/2004  |
| 0023-0212    | JNP-0363         | 10/976,026 | 10/29/2004  |
| 0023-0214    | JNP-0365         | 10/765,676 | 1 /26/2004  |
| 0023-0215    | JNP-0366         | 10/456,354 | 6 /5 /2003  |
| 0023-0216    | JNP-0367         | 09/706,181 | 11/3 /2000  |
| 0023-0217    | JNP-0368         | 09/706,182 | 11/3 /2000  |
| 0023-0218    | JNP-0369         | 09/706,297 | 11/3 /2000  |
| 0023-0219    | JNP-0370         | 09/706,296 | 11/3 /2000  |
| 0023-0220    | JNP-0371         | 10/060,792 | 1 /29/2002  |
| 0023-0221    | JNP-0372         | 10/060,525 | 1 /29/2002  |
| 0023-0222    | JNP-0373         | 10/410,619 | 4 /8 /2003  |
| 0023-0223    | JNP-0380         | 10/937,381 | 9 /10/2004  |
| 0023-0226    | JNP-0392         | 10/971,687 | 10/25/2004  |
| 0023-0227    | JNP-0391         | 10/970,735 | 10/22/2004  |
| 0023-0229    | JNP-0393         | 10/985,016 | 11/10/2004  |
| 0023-0230    | JNP-0403         | 10/990,338 | 11/17/2004  |
| 0023-0232    | JNP-0402         | 10/990,347 | 11/17/2004  |
| 0023-0233    | JNP-0394         | 10/988,835 | 11/16/2004  |
| 0023-0234    | JNP-0397         | 10/990,352 | 11/17/2004  |
| 0023-0235    | JNP-0396         | 10/990,349 | 11/17/2004  |
| 0023-0236    | JNP-0400         | 10/984,903 | 11/10/2004  |
| 0023-0237    | JNP-0405         | 10/986,159 | 11/12/2004  |

**BEST AVAILABLE COPY**